Art Unit: \*\*\*

**CLMPTO** 

08/10/04

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## Claims 1 is cancelled

- 2. A zoom lens comprising, in order from an object side:
  - a first lens unit with positive power;
  - a second lens unit with positive power;
  - a third lens unit with negative power;
- 5 a fourth lens unit with positive power; and
  - a fifth lens unit with positive power,
  - wherein when a magnification of the zoom lens is varied, extending from a wideangle position to a telephoto position, the first lens unit is moved and spacings between individual lens units are changed.
  - 3. A zoom lens according to claim 1, wherein the zoom lens comprises, in order from the object side, a first lens unit with positive power; a second lens unit with positive power; a third lens unit with negative power; a fourth lens unit with positive power; and a fifth lens unit with positive power, and when the magnification of the

5 zoom lens is varied, extending from a wide-angle position to a telephoto position, Art Unit: \*\*\*

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spacings between individual lens units are changed.

- 4. A zoom lens according to claim 1 or 2, wherein the second lens unit is moved toward the object side to thereby perform focusing.
- 5. A zoom lens according to claim 2 or 3, satisfying the following conditions:

where f4 is a focal length of the fourth lens unit, f5 is a focal length of the fifth lens unit, fw is a focal length of an entire system at the wide-angle position, and ft is a focal length of the entire system at the telephoto position.

6. A zoom lens according to claim 1 or 2, satisfying the following condition:

where fl is a focal length of the first lens unit and fw is a focal length of an entire system at the wide-angle position.

7. A zoom lens according to claim 1 or 2, satisfying the following condition:

where f2 is a focal length of the second lens unit and fw is a focal length of an entire system at the wide-angle position.

8. A zoom lens according to claim 1 or 2, satisfying the following condition:

$$-0.16 < f3 / ft < -0.08$$

where f3 is a focal length of the third lens unit and ft is a focal length of an entire system at the telephoto position.

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9. A zoom lens according to claim. 1 or 2, satisfying the following condition:

where F is an F-number.

10. A zoom lens according to claim 1 or 2, satisfying the following condition:

$$-0.35 \leq MG \leq -0.15$$

where MG is a maximum magnification for photography.

11. A zoom lens according to claim 1 or 2, satisfying the following condition:

$$0.08 \le \Delta d / ft \le 0.12$$

where  $\Delta d$  is an amount of movement in focusing extending from infinity to a nearest.

object point and ft is a focal length of an entire system at the telephoto position.

12. A zoom lens according to claim 1 or 2, satisfying the following conditions:

$$2.8 \le 16 / 1H \le 3.8$$

where IH is a radius of an image circle and fb is a distance from a last lens surface to an image plane at the wide-angle position.

13. A zoom lens according to claim 1 or 2, satisfying the following condition:

where EW is an angle (°) made by the most off-axis chief ray (a diagonal chief ray) on a diagonal line with an optical axis.

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14. A zoom lens according to claim 1 or 2, wherein a camera body and a lens-mountable and removable mount are provided.

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claims 15-16 is cancelled